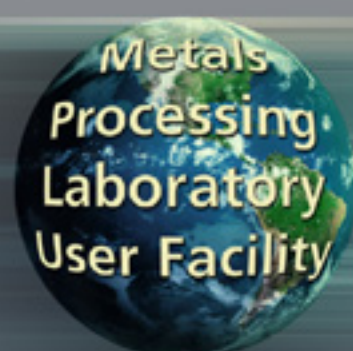




Provides a Mechanism for *Industries* to Network

External

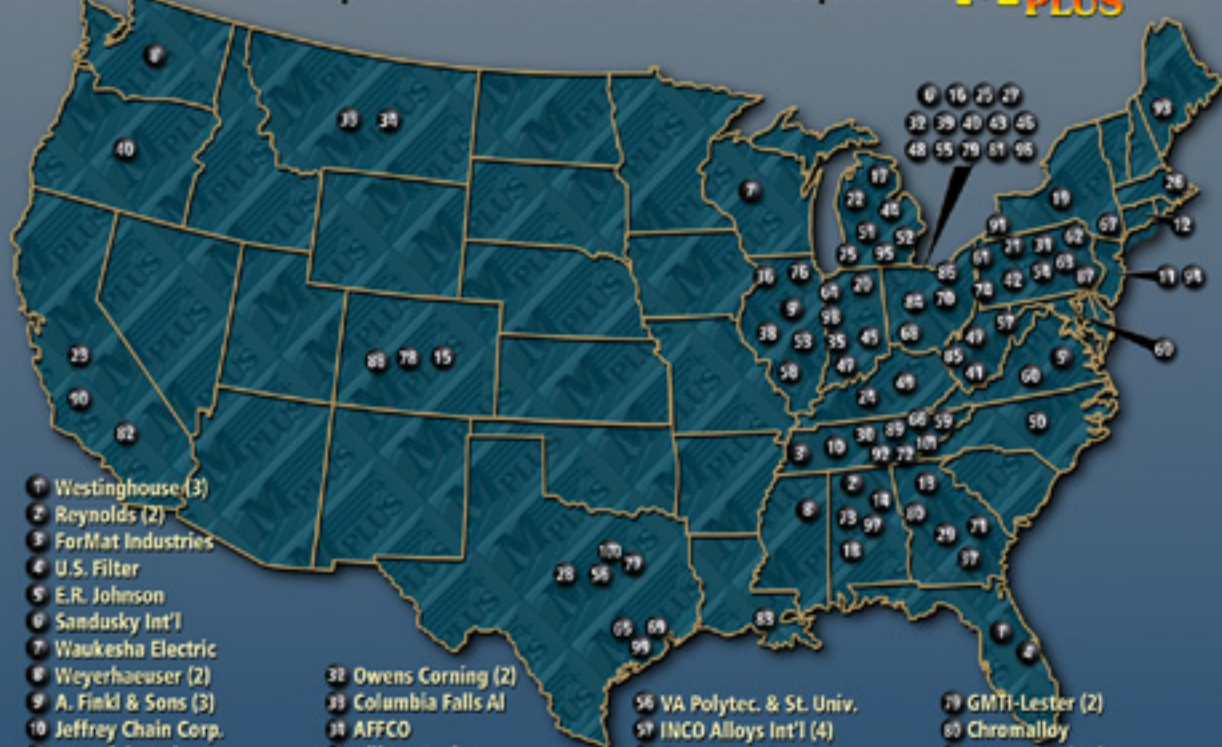
- Universities
- Consortia
- Professional and Trade Organizations
- Other DOE Sites
- Other Federal Laboratories



Internal

- Computational Center for Industrial Innovation
- High-Temperature Materials Lab
- Oak Ridge Centers for Manufacturing Technologies
- Other user facilities

101 Companies in 27 States have requested



- 1 Westinghouse (3)
- 2 Reynolds (2)
- 3 ForMat Industries
- 4 U.S. Filter
- 5 E.R. Johnson
- 6 Sandusky Int'l
- 7 Waukesha Electric
- 8 Weyerhaeuser (2)
- 9 A. Finkl & Sons (3)
- 10 Jeffrey Chain Corp.
- 11 Materials Tech.
- 12 ABB C-E Services (3)
- 13 Union Camp Corp.
- 14 United Defense (2)
- 15 CO School of Mines
- 16 Doehler-Jarvis
- 17 General Motors (2)
- 18 Univ. of AL (3)
- 19 Cornell Univ.
- 20 Cummins Engine (4)
- 21 Bethlehem Steel (2)
- 22 American Axle
- 23 FMC Corp.
- 24 ARCO (2)
- 25 Finite Solutions
- 26 Starmet Corp.
- 27 Lincoln Electric (2)
- 28 CarboMedics
- 29 IPST (3)
- 30 Univ. of Tenn. (3)
- 31 PPG Industries (5)

- 32 Owens Corning (2)
33 Columbia Falls Al
34 AFFCO
35 Allison Engine
36 Alloy Engineering
37 Southwire
38 Wagner Castings
39 Rhenium Alloys
40 Uniform Metal Tech.
41 West Virginia Univ. (2)
42 J&L Specialty Steel
43 LTV Steel
44 Univ. of Michigan
45 Welding Services
46 General Electric
47 Weirton Steel (3)
48 Park Ohio Transp'n. Grp.
49 Stoodly (2)
50 Torrington (3)
51 Ford Motor Co. (3)
52 Eaton Corp. (2)
53 Hoskins Mfg. (2)
54 AHT Inc.
55 Amer. Spring Wire

- 56 VA Polytec. & St. Univ.
57 INCO Alloys Int'l (4)
58 Caterpillar (2)
59 Smelter Services
60 Westvaco
61 The PA State University
62 Alcoa (2)
63 Univ. of Pittsburgh
64 Haynes Int'l Inc. (5)
65 Eastman Chemical
66 Eastman Chemical (2)
67 Akzo Nobel Chemical
68 Equistar Chemical, LP
69 Exxon Chemical Co.
70 International Paper
71 Amercord
72 TTE Die Casting (2)
73 Citation Corp. (2)
74 Lehigh University
75 Dana Corp.
76 Griffith Wheel Co.
77 Chaparral Steel
78 Johns Manville

- 79 GMTI-Lester (2)
- 80 Chromalloy
- 81 DCT Technologies
- 82 M.J. Schiff and Associates
- 83 Satco
- 84 Engineering Mechanic Corp. (2)
- 85 Special Metals Corp.
- 86 Republic Technologies Int'l. (2)
- 87 Material Resources Int'l.
- 88 Material Physics Research Inst.
- 89 Atlantic Research Corp.
- 90 DWA Aluminum Composites
- 91 Monofrax Inc.
- 92 Applied Thermal Coatings, Inc.
- 93 Dynamet Technology Inc.
- 94 Engelhard Corp.
- 95 Thixomat
- 96 Ohio State University
- 97 Vista Engineering
- 98 ISPAT Inland Inc.
- 99 Smith Int'l.
- 100 Lone Star Steel Co.
- 101 Eagle Racing



Program Status

- 60 projects completed

150 MPLUS Proposals received



Oak Ridge National Laboratory



Metals Processing Laboratory Users (MPLUS) Center

The Metals Processing User Center is a facility piloted to determine whether the technical expertise and facilities at a National Laboratory can be an asset to industry. The objective of MPLUS is to assist key U.S. industries in improving energy efficiency and enhancing their competitiveness in the global market by providing them with timely access to the specialized technical expertise and facilities needed to solve metals-processing issues that limit the development and implementation of emerging metals-processing technologies.

The industrial and academic response to this piloted MPLUS User Center has grown tremendously. A total 150 MPLUS Proposals have been approved or are in the process of being developed. These proposals represent 101 different companies in 27 states.

Due to industrial requests/needs, MPLUS has continually expanded to also incorporate other Oak Ridge National Laboratory User Centers (e.g., HTML.)

For additional information, please contact:

Gail Mackiewicz-Ludtka
Metals and Ceramics Division
Oak Ridge National Laboratory
Box 2008, Bldg. 4500S, MS 6152
Oak Ridge, TN 37831-6080
Telephone: (865) 576-4652
FAX: (865) 574-5113
E-mail: ludtkagm@ornl.gov

Peter Angelini
Oak Ridge National Laboratory
1 Bethal Valley Rd.
Oak Ridge, TN 37831-6065
Telephone: (865) 574-4565
E-mail: angelinipe@ornl.gov